

CLAIMS

1. Device (4) for controlling the opening and closing of a trunk hood (1) and comprising a jack (5) for which the cylinder (6) is linked to the vehicle bodywork (3) in a manner free to pivot, and in which the rod (8) sliding in the cylinder (6) is linked to the hood (1) in an articulated manner at its free end (9), characterised in that it comprises a control member (11) placed between the hood (1) and the free end (9) of the rod (8), for detecting a force (12) in the hood (1) closing direction and controlling activation of the jack (5) in the hood (1) closing direction.

2. Device (4) according to claim 1, characterised in that the control member (11) is linked to the free end (9) of the rod (8) deformably in translation substantially along the longitudinal direction of the rod (8) between a remote position and a close position, and to the hood (1) free to pivot about a pivot pin (10).

3. Device according to claim 2, characterised in that the control member (11) comprises a sliding element

(16) that slides with respect to the free end (9) of the rod (8) between a retracted position, in which the hood (1) is in a close position to the free end (9), and an extended position in which the hood (1) is in a remote position from the free end (9).

4. Device (4) according to claim 2 or 3, characterised in that it includes an element (14) for continuously applying a force on the hood (1) pulling it towards its remote position, so as to substantially compensate the weight of the hood (1).

5. Device according to claim 4 that depends on claim 3, characterised in that the elastic element (14) is a compression element (14) placed between the sliding element (16) and the rod (8).

6. Device (4) according to one of claims 2 to 5, characterised in that it comprises a contact switch (15) for detecting a close position of the hood (1) and controlling activation of the jack (5) in the closing direction of the hood (1).

7. Device according to claim 6 that depends on claim 3, characterised in that the sliding element (16) comprises a pin (18) for activating the contact switch (15) when the sliding element (16) is in a retracted position.